

ABSTRACT

**METHOD AND APPARATUS FOR MODIFYING
GRAPHICS CONTENT PRIOR TO DISPLAY FOR COLOR BLIND USERS**

Embodiments of the present invention provide a method and apparatus for dynamically modifying computer graphics content for colors and/or patterns that are problematic for color-blind viewers prior to display. In particular, graphics content may be modified in various stages of the graphics pipeline, including but not limited to, the render or raster stage, such that images provided to the user are visible to color-blind viewers upon display without further modification.